

## Recent Butterfly Records from Greece

By Dr A. KOUTSAFTIKIS

The butterfly records that are being listed below, represent the most important of my recent personal captures, carried out primarily in the northern districts of Greece. In all uncertain cases identification was established by an examination of the male genitalia. I wish to express my thanks to Mr J. G. Coutsis for his help in the preparation and study of the genitalia.

### *Pieridae*

1. *Colias hyale* L. (Fig. a). Three males captured in June on the island of Thasos, north Aegean. Identification based on well marked superficial characters. Length of Forewing: 26-28 mm. Locality temperature and humidity: 35°C and 54" respectively.

2. *Colias phicomone* Esp. (Fig. b, c). A male and female captured on the island of Thasos, c. 600 m, in July. The entirely unexpected appearance of this alpine butterfly on this island suggests probable introduction. Length of Forewing: 23 mm, male; 26 mm, female. Locality temperature and humidity: 35°C and 50" respectively.

### *Nymphalidae*

3. *Melitaea arduinna* Esp. (Fig d). Found in the district of Ioannina, at 1400 m, in June. Length of Forewing: 21 mm. Locality temperature and humidity: 25°-28° C and 49" respectively. This is probably the first record of this species for our area.

4. *Euphydryas aurinia* Rott. (Fig. e). Captured in the districts of Florina, Drama, Evros and Ioannina in May-July, at altitudes varving from sea level to about 2100 m. Length of Forewing: 11-22 mm. Locality temperature and humidity: 28°-36° C and 45"-58" respectively.

### Key to Plate II

- a. *Colias hyale* L., ♂, upperside, Thasos Island.
- b. *Colias phicomone* Esp., ♀, upperside, Thasos Island.
- c. *Colias phicomone* Esp., ♂, upperside, Thasos Island.
- d. *Melitaea arduinna* Esp., ♀, upperside, district of Ioannina.
- e. *Euphydryas aurinia* Rott., ♂, upperside, district of Florina.
- f. *Pseudochazara sintenisi* Stgr., ♀, upperside, district of Ioannina.
- g, i, k, l. *Coenonympha tullia occupata* Rebel, ♀, upperside, district of Florina.
- h. *Coenonympha tullia occupata* Rebel, ♀, upperside, district of Florina.
- j, m, n. *Coenonympha tullia occupata* Rebel, ♂, upperside, district of Florina.
- o. *Strymonidia pruni* L., ♀, upperside, district of Drama.

*Satyridae*

5. *Hipparchia syriaca* Stgr. Found on the island of Thasos in June-August, from sea level to about 1600 m. Length of Forewing: 29-35 mm. Locality temperature and humidity: 19°-35° C and 48"-54" respectively. All specimens identified by genitalia.

6. *Hipparchia fagi* Scop. Captured in the districts of Drama and Trikala in June, July, at 900-2000 m. Length of Forewing: 33-35 mm. Locality temperature and humidity: 20°-32° C and 60" respectively. Identification based on genitalia.

7. *Hipparchia aristaeus* Bon. Captured in the districts of Drama and Corinth in June-September, from sea level to about 1600 m. Length of Forewing: 26-30 mm. Locality temperature and humidity: 20°-35° C and 60" respectively. Identification based on genitalic characters.

8. *Pseudochazara mamurra* H-S. Recorded from the districts of Laconia and Ioannina in July, at 1200-1700 m. Length of Forewing: 23-24 mm. Locality temperature and humidity: 28°-34° C and 45"-62" respectively.

9. *Pseudochazara sintenisi* Stgr. (Fig. f.) A single female captured in the district of Ioannina, at 1200 m, in July. Length of Forewing: 28 mm. Locality temperature and humidity: 28°-32° C and 45"-66" respectively. This capture constitutes a first record for Greece and, probably also, for Europe.

10. *Coenonympha tullia occupata* Rebel (Fig. g-n). Found in the districts of Florina and Kozani, at 350 m, in June. Length of Forewing: 16-19 mm. Locality temperature and humidity: 24°-28° C and 44"-52" respectively. Probably never before recorded from our area.

*Lycaenidae*

11. *Strymonidia pruni* L. (Fig. o). Captured in the district of Drama in July, at about 650 m. Length of Forewing: 11 mm. Locality temperature and humidity: 28°-32° C and 64" respectively.

12. *Everes argiades* Pallas. Captured in the districts of Florina and Serrai in July, at sea level to 600 m. Length of Forewing: 13-15 mm. Locality temperature and humidity: 26°-36° C and 48"-51" respectively.

13. *Everes alcetas* Hoffmannsegg. Captured at sea level, in the district of Serrai, in July. Length of Forewing: 14 mm. Locality temperature and humidity: 36° C and 48" respectively.

14. *Polyommatus eroides* Friv. Found at 950 m in the district of Drama, in June. Length of Forewing: 17 mm. Locality temperature and humidity: 20° C and 60" respectively.

15. *Heodes virgaureae* L. Captured at 500-1600 m, in the districts of Florina, Drama and Thesprotis, in June, July. Length of Forewing: 17-19 mm. Locality temperature and humidity: 23°-36° C and 45"-64" respectively.

16. *Heodes ottomanus* Lefebvre. Captured in April and July in the districts of Thesprotis, Ioannina, Evros and the island of Thasos, from sea level to about 300 m. Length of Forewing: 13-16 mm. Locality temperature and humidity: 23°-36°C and 45"-64" respectively.

17. *Maculinea alcon* Schiff. Found at 950 m, in June, in the district of Drama. Length of Forewing: 18 mm. Locality temperature and humidity: 20° C and 60" respectively.

### *Hesperiidae*

18. *Carcharodus lavatherae* Esp. Captured in June, at about 950 m, in the district of Drama. Length of Forewing: 15 mm. Locality temperature and humidity: 20° C and 60" respectively.

19. *Spialia phlomidis* H.-S. Captured in August in the district of Attica, at 600 m. Length of Forewing: 13 mm. Locality temperature and humidity: 36° C and 35" respectively.

### References

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STERRHA SACRARIA L. AND ORTHONAMA LIGNATA Hb. IN GLOUCESTERSHIRE IN 1973. — A fresh male specimen of *S. sacraria* was in my m.v.l. trap at Avening, Glos., on September 5th. Another appeared at m.v.l. at Tetbury, 4 miles away, on September 7th. Another rarity for Gloucestershire was the appearance of a specimen of *O. lignata* Hb. at Avening on September 9th — J. NEWTON, 11 Oxleaze Close, Tetbury, Glos.